Attorney Docket No.: <u>AVARS-000000</u>

E UNITED STATES PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER

Sunnyvale, California 94086

162 North Wolfe Road

Customer Number 28960

(408) 530-9700

In re Application of:

(See attached Assignment)

Serial Nos.:

60/241,450 filed 10/17/00 and 60/275,206 filed 3/12/01) 09/903,423 filed 7/10/01 and 09/923,924 filed 8/6/01 09/903,441 filed 7/10/01 and 09/960,623 filed 9/20/01 10/070,339 filed 2/27/02 10/070,515 filed 7/25/05 and 10/070.338 filed 12/12/02 and 60/354,588 filed 2/4/02 10/358,681 filed 2/4/03 and 60/409,476 filed 9/9/02 60/411,689 filed 9/17/02 and 60/609,062 filed 9/9/04

Mail Stop Assignments Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Enclosed please find an Assignment and form PTO-1595 for filing with the U.S. Patent and Trademark Office. Also enclosed is a check in the amount of \$560.00 to cover the assignment recordation fee for fourteen (14) applications

The Commissioner is authorized to charge any additional fee or credit any overpayment to our Deposit Account No. <u>08-1275</u>. An originally executed duplicate of this transmittal is enclosed for this purpose.

Respectfully submitted,
HAVERSTOCK & OWENS LLP

Dated: January 5, 2005

Thomas B. Haverstock

Reg. No.: 32,571

Attorneys for Applicants

CERTAPICALL COLUMN CONTRACTOR LA LA (4)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

HAVERSTOCK & OWENS LLP

Date: 1/5/05 By:

- 1 -

CORDATION FORM COVER SHEET **FORM PTO-1595** U.S. Department of Commerce JAN 1 0 2005 (Rev. 06/93) Patent and Trademark Office OMB No. 0651-0011 (Exp. 6 Attorney Docket No.: AVARS-00000 Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Please record the attached original documents or copy thereof. Name and address of receiving party(ies): 1. Name of conveying party(ies): 2. RouteScience Technologies, Inc. Avaya Inc. 211 Mount Airy Road Basking Ridge, NJ 07920 Additional name(s) of conveying party(ies) attached. Additional name(s) and address(es) attached. 3. Nature of conveyance: Assignment Merger <u>X</u> Security Agreement Change of Name Other: Execution Date: December 7, 2004 4. Application number(s) or patent number(s): This document is being filed together with a new application, the execution date of the application is: Patent Application Serial No.(s): 60/275,206 filed 3/12/01 60/241,450 filed 10/17/00 and 09/903,423 filed 7/10/01 09/903,441 filed 7/10/01 10/070,515 filed 7/25/05 09/923,924 filed 8/6/01 09/960,623 filed 9/20/01 and and 10/070,339 filed 2/27/02 and 10/070,338 filed 12/12/02 and 60/354,588 filed 2/4/02 10/358,681 filed 2/4/03 and 60/409,476 filed 9/9/02 60/411,689 filed 9/17/02 and 60/609,062 filed 9/9/04 Patent No.(s): . Additional numbers attached. 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: 1 document should be mailed: 7. Total fee(s) [37 CFR §§ 1.21(h) and 3.41]: Thomas B. Haverstock HAVERSTOCK & OWENS LLP X Check(s) in the amount of \$560.00 enclosed. 162 North Wolfe Road Sunnyvale, CA 94086 8. Authorization to Charge Additional Fees:

9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

The Commissioner is hereby authorized to charge any additional fees or credit any overpayment associated with this communication and which may be required under 37 CFR §§ 1.21(h) and 3.41 to Deposit Account No. 08-1275.

Dated: January 5, 2005

Name: Thomas B. Haverstock Reg. No.: 32,571

Total number of pages including cover sheet, attachments, and document: 15

EXHIBIT D

PATENT ASSIGNMENT



THIS PATENT ASSIGNMENT (this "Assignment"), effective as of December 7, 2004 (the "Effective Date"), is by and between RouteScience Technologies, Inc., a Delaware corporation doing business at 159 Second Avenue, San Mateo, CA 94401 ("Assignor"), and Avaya Technology Corp., a Delaware corporation, with offices at 211 Mount Airy Road, Basking Ridge, New Jersey 07920, United States of America ("Assignee").

RECITALS

WHEREAS, Assignor presently owns or controls certain patents, patent applications, and invention submissions listed in the attached Schedule A (hereinafter "Transferred Patents");

WHEREAS, Assignor and Assignee's parent company, Avaya Inc., a Delaware corporation, with offices at 211 Mount Airy Road, Basking Ridge, New Jersey 07920, United States of America ("Avaya"), are parties to that certain Agreement for the Purchase and Sale of Assets, dated as of December 7, 2004, by and between Assignor, as seller, and Avaya, as buyer (the "Purchase Agreement"); and

WHEREAS, pursuant to the Purchase Agreement, Assignor desires to transfer, assign, convey, deliver and vest all of its interests and rights in Transferred Patents for all countries, jurisdictions and political entities of the world, to and in Assignee.

NOW, THEREFORE, in consideration of the premises and for other good and valid consideration, the receipt and sufficiency of which are hereby acknowledged, the parties, intending to be legally bound, agree as follows:

Assignor does hereby assign, convey, transfer and deliver, and agrees to assign, convey, transfer and deliver to Assignee, its successors, assigns and legal representatives or nominees, Assignor's entire right, title and interest, for all countries, jurisdictions and political entities of the world, along with the right to sue for past infringement, to all Transferred Patents and corresponding counterpart foreign patents and patent applications, with respect to which, and to the extent to which, Assignor now has or hereafter acquires the right to so assign, convey, transfer and deliver.

From time to time following the date hereof, Assignor shall execute and deliver, or cause to be executed and delivered, to Assignee, such additional instruments of conveyance and transfer as Assignee may reasonably request or as may be otherwise necessary to more effectively convey or transfer to and vest in Assignee, its successors, assigns and legal representatives or nominees; the Transferred Patents, and shall do any acts which may be necessary, desirable or convenient for claiming said rights and for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in Assignee, its successors, assigns and legal representatives or nominees.

Avaya Inc.
Proprietary and Confidential



IN WITNESS WHEREOF, the parties have caused this PATENT ASSIGNMENT to be executed by their duly authorized representatives as of the Effective Date.

ROUTESQUENCE TECHNOLOGIES, INC.

Name: Mark Lazar

Title: Chief Executive Officer

AVAYA TECHNOLOGY CORP.

By: Name: Marc Foodman

Title: Chairman and President



IN WITNESS WHEREOF, the parties have caused this PATENT ASSIGNMENT to be executed by their duty authorized representatives as of the Effective Date.

ROUTESCIENCE	TECHNOLOGIES	INC.
--------------	--------------	------

By:

Title: Chief Executive Officer

AVAYA TREMOLOGY CORP.

Name of the last o

Title: Chairman and President

ACKNOWLEDGMENTS

STATE OF CALIFORNIA)

SS:

COUNTY OF Sunta Clary)

I CERTIFY that on December 7, 2004, Mark Lazar personally came before me Joha C. Frank and this person acknowledged under oath, to my satisfaction that:

- a.) this person signed, sealed and delivered the attached Patent Assignment as Chief Executive Officer of RouteScience Technologies, Inc.; and
- b.) this Patent Assignment was signed and made by RouteScience Technologies, Inc. as its voluntary act and deed by virtue of authority from its Board of Directors.

Antro C. Frank
Notary Public

[Notarial Seal]



STATE OF NEW JERSEY)

COPY

88:

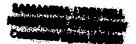
COUNTY OF SOMERSET)

I CERTIFY that on December 1^{th} , 2004, Marc Foodman personally came before me and this person advantaged under onth, to my satisfaction that:

- a.) this person signed, scaled and delivered the attached Patent Assignment as Chairman and President of Aveya Technology Corp.; and
- b.) this Patent Assignment was signed and made by Avaya Technology Corp. as its voluntary act and deed by virtue of authority from its Board of Directors.

Samuel Paris Augent Aug

[Noterial Seal]





SCHEDULE A

TRANSFERRED PATENTS

Priority Number	Priority Date	Priority Country	Title	Inventor Name	Application Number	Application Date	Application Country	Docket No.
/A N/	N/A 	/A	US (PRO) APPLICATION-AWARE PERFORMANCE-BASED ROUTING ACROSS MULTIPLE PROVIDERS	C.; FINN, SEAN P.; LLOYD,		17- Oct-2000	US	4717-701
/A N/	N/A	/A	OPTIMIZING ROUTES FOR	BALDONADO, OMAR C.; FINN, SEAN P.; LEDDY, JOHN; LLOYD, MICHAEL A.; MADAN, HERBERT S.; McGUIRE, JAMES G.		12- Mar-2001	US	4717-703
/241,450 2- 60	17- Oct-2000	S	ROUTING INFORMATION EXCHANGE	,		10- Jul-2001	US	4717-705
/241,450	Mar-2001 17- Oct-2000	S	METHOD AND APPARATUS FOR PERFORMANCE AND COST OPTIMIZATION IN AN	C.; FINN, SEAN P.; KARAM, MANSOUR; LLOYD, MICHAEL A.; MADAN, HERBERT S.; McGUIRE,		06- Aug-2001	US	4717-706
/275,206	Mar-2001 10- Jul-2001		INTERNETWORK	JAMES G.; VILLAVERDE, JOSE- MIGUEL P.				
0- 09 /903,423	10- Jul-2001							
	17- Oct-2000	s	SYSTEMS AND METHODS FOR ROBUST, REAL-TIME MEASUREMENT	FINN, SEAN P.; BALDONADO, OMAR C.; KARAM, MANSOUR;	09/9 03,423	10- Jul-2001	US	4717-707
	12- Mar-2001		OF NETWORK PERFORMANCE	SIDDIQI, FAISAL; McGUIRE, JAMES G.; MADAN, HERBERT S.				
7- 60	17- Oct-2000	S		C.; FINN, SEAN P.; KARAM, MANSOUR; LLOYD, MICHAEL A.;	09/9 60,623	20- Sep-2001	US	4717-708
	12- Mar-2001		PARAMETERS VIA A BACK- CHANNEL COMMUNICATION MEDIUM	MADAN, HERBERT S.; McGUIRE, JAMES G.; VILLAVERDE, JOSE- MIGUEL P.				
0- 09 /903,441	10- Jul-2001							
	10- Jul-2001							
	6- Aug-2001							
) 1: 1:	Oct-2000 Mar-2001 Jul-2001 Jul-2001	S	APPARATUS FOR COORDINATING ROUTING PARAMETERS VIA A BACK- CHANNEL COMMUNICATION	C.; FINN, SEAN P.; KARAM, MANSOUR; LLOYD, MICHAEL A.; MADAN, HERBERT S.; McGUIRE, JAMES G.; VILLAVERDE, JOSE-	60,623		US	4717-708

Docket No.	Application Country	Application Date	Application Number	Inventor Name	Title	Priority Country	Priority Date	Priority Number
4717-709	РСТ	04- Oct-2001		MICHAEL A.; FINN, SEAN P.; McGUIRE, JAMES G.;	PCT - ROUTING INFORMATION EXCHANGE	S	10- Jul-2001	09 /903,441
				BALDONADO, OMAR C.; MADAN, HERBERT S.			12- Mar-2001	60 /275,206
	-						17- Oct-2000	60 /241,450
4717-710	РСТ		US01/31420 FINN OMA SIDD	FINN, SEAN P.; BALDONADO, OMAR C.; KARAM, MANSOUR;	PCT - SYSTEMS AND METHODS FOR ROBUST, REAL-TIME MEASUREMENT	S	10- Jul-2001	09 /903,423
	·			SIDDIQI, FAISAL; McGUIRE, JAMES G.; MADAN, HERBERT S.	OF NETWORK PERFORMANCE		12- Mar-2001	60 /275,206
							17- Oct-2000	60 /241,450
4717-711	PCT	05- Oct-2001		C.; FINN, SEAN P.; KARAM, MANSOUR; LLOYD, MICHAEL A.;	PCT - METHOD AND APPARATUS FOR COORDINATING ROUTING PARAMETERS VIA A BACK-	S	20- Sep-2001	09 /960,623
			JA:	JAMES G.; VILLAVERDE, JOSE- CI	CHANNEL COMMUNICATION MEDIUM		6- Aug-2001	09 /923,924
							10- Jul-2001	09 /903,441
			·			10- Jul-2001	09 /903,423	
							12- Mar-2001	60 /275,206
							17- Oct-2000	60 /241,450
4717-712	PCT	17- Oct-2001		MANSOUR; LLOYD, MICHAEL A.:	PCT - METHOD AND APPARATUS FOR PERFORMANCE AND COST OPTIMIZATION IN AN INTERNETWORK	s	6- Aug-2001	09 /923,924
							10- Jul-2001	09 /903,441
		·					10- Jul-2001	09 /903,423
							i	/275,206
							17- Oct-2000	60 /241,450

Docket No.	Application Country	Application Date	Application Number	Inventor Name	Title	Priority Country	Priority Date	Priority Number
4717-713	PCT	17- Oct-2001		BALDONADO, OMAR C.; FINN, SEAN P.; KARAM, MANSOUR;	PCT - METHOD AND APPARATUS FOR THE ASSESSMENT AND	S	20- Sep-2001	09 /960,623
				McGUIRE, JAMES G.; MADAN, HERBERT S.	OPTIMIZATION OF NETWORK TRAFFIC		6- Aug-2001	/923,924
							10- Jul-2001	09 /903,4 41
							10- Jul-2001	09 / 903,423
							12- Mar-2001	60 /275,206
						1	17- Oct-2000	60 /241,450
4717-714	PCT	17- Oct-2001		LLOYD, MICHAEL A.; BALDONADO, OMAR C.; FINN,	PCT - METHOD AND APPARATUS FOR CHARACTERIZING THE	s	20- Sep-2001	09 /960,623
				SEAN P.; McGUIRE, JAMES G.; MADAN, HERBERT S.	QUALITY OF A NETWORK PATH		6- Aug-2001	09 /923,924
							10- Jul-2001	09 /903 , 441
							10- Jul-2001	09 /903,423
							12- Mar-2001	60 /275,206
							17- Oct-2000	60 /241 ,4 50
4717-715	PCT	17- Oct-2001		FINN, SEAN P.; KARAM, MANSOUR; LLOYD, MICHAEL A.;	APPARATUS FOR COMMUNICATING DATA	s	20- Sep-2001	09 / 960,62 3
				MADAN, HERBERT S.; McGUIRE, JAMES G.; VILLAVERDE, JOSE- MIGUEL P.; BALDONADO, OMAR	TRAFFIC		6- Aug-2001	09 / 923,92 4
				Ç.			10- Jul-2001	09 / 903,4 41
							10- Jul-2001	09 / 903,423
							12- Mar-2001	60 /275,206
			, , , , , , , , , , , , , , , , , , ,				17- Oct-2000	60 /241,450

Docket No.	Application Country	Application Date	Application Number	Inventor Name	Title	Priority Country	Priority Date	Priority Number
4717-716	us	04- Feb-2002		LLOYD, MICHAEL A.; KARAM, MANSOUR; VILLAVERDE, JOSE-MIGUEL P.; FINN, SEAN P.; BALDONADO, OMAR C.; McGUIRE, JAMES G.; MADAN, HERBERT S.	US (PRO) METHOD AND APPARATUS FOR COST OPTIMIZATION OF NETWORK TRAFFIC	/A	N/A	N/ A
4717-717	US	25- Jul-2002		LLOYD, MICHAEL A.; BALDONADO, OMAR C.; FINN, SEAN P.; KARAM, MANSOUR; McGUIRE, JAMES G.; MADAN, HERBERT S.	METHOD AND APPARATUS FOR THE ASSESSMENT AND OPTIMIZATION OF NETWORK TRAFFIC	CT/US	17- Oct-2001 20- Sep-2001	P CT/US01/32 319 09 /960,623
							Aug-2001 10- Jul-2001	09 /923,924 09
							10- Jul-2001	/903,441 09 /903,423
							12- Mar-2001	60 /275,206
							Oct-2000	60 /241,450
4717-718	US	27- Feb-2002	i	BALDONADO, OMAR C.; FINN, SEAN P.; KARAM, MANSOUR; McGUIRE, JAMES G.; MADAN,	US - METHOD AND APPARATUS FOR CHARACTERIZING THE QUALITY OF A NETWORK	CT/US	17- Oct-2001	P CT/US01/32 476
				HERBERT S.	PATH		Oct-2001 20- Sep-2001	P CT/US01/32 312
	-						6- Aug-2001	09 /960,623 09
							10- Jul-2001	/923,924
							10- Jul-2001	/903,441 09 /903,423
								/903,423 60 /275,206
							17- Oct-2000	/275,206 60 /241,450

Docket No.	Application Country	Application Date	Application Number	Inventor Name	Title	Priority Country	Priority Date	Priority Number
4717-719	US	27- Feb-2002		VILLAVERDE, JOSE-MIGUEL P.; LLOYD, MICHAEL A.; BALDONADO, OMAR C.; FINN, SEAN P.; KARAM, MANSOUR;	US - METHOD AND APPARATUS FOR COMMUNICATING DATA WITHIN MEASUREMENT TRAFFIC	CT/US	17- Oct-2001 17- Oct-2001	P CT/US01/32 476
				McGUIRE, JAMES G.; MADAN, HERBERT S.			20- Sep-2001	CT/US01/32 312
							6- Aug-2001	/960,623 09
							10- Jul-2001	/923,924 09
,							10- Jul-2001	/903,441 09
							12- Mar-2001	/903,423 60
							17- Oct-2000	/275,206
4717-720	US	09- Sep-2002		LLOYD, MICHAEL A.; KARAM, MANSOUR; VILLAVERDE, JOSE-MIGUEL P.; FINN, SEAN P.; BALDONADO, OMAR C.; McGUIRE, JAMES G.; MADAN, HERBERT S.; GOTTLIEB, ANDY	US (PRO) - CLOSED- LOOP LOAD OPTIMIZATION	/A	N/A	/241,450 N/ A
4717-721	US	17- Sep-2002		MCMAHON, DAVID; LEDDY, JOHN; SIDDIQI, FAISAL Z.; McGUIRE, JAMES G.; BALDONADO, OMAR C.; MADAN, HERBERT S.; LLOYD, MICHAEL A.; FINN, SEAN P.	US (PRO) - METHOD TO QUICKLY PARTITION NETWORKS FOR FURTHER ANALYSIS	/A	N/A	N/ A
4717- 722.701	CA	04- Feb-2003		LLOYD, MICHAEL A.; KARAM, MANSOUR; VILLAVERDE, JOSE-MIGUEL P.; FINN, SEAN P.; BALDONADO, OMAR C.; McGUIRE, JAMES G.;	LOAD OPTIMIZATION	S/PCT	4- Feb-2003 4- Feb-2002	P CT/US03/03 297
4717- 722.611	EP	04- Feb-2003	3710 842.0	KARAM, MANSOUR; VILLAVERDE, JOSE-MIGUEL P.;	LOAD OPTIMIZATION	S/PCT	4- Feb-2003	/354,588 P CT/US03/03 297
			_	FINN, SEAN P.; BALDONADO, OMAR C.; McGUIRE, JAMES G.; MADAN, HERBERT S.			4- Feb-2002	60 /354,588

Docket No.	Application Country	Application Date	Application Number	Inventor Name	Title	Priority Country	Priority Date	Priority Number
4717- 722.731	IL	04- Feb-2003		LLOYD, MICHAEL A.; KARAM, MANSOUR; VILLAVERDE, JOSE-MIGUEL P.; FINN, SEAN P.; BALDONADO, OMAR C.; McGUIRE, JAMES G.; MADAN, HERBERT S.	LOAD OPTIMIZATION	S/PCT	4- Feb-2003 4- Feb-2002	P CT/US03/03 297 60 /354,588
4717.722	РСТ	04- Feb-2003		LLOYD, MICHAEL A.; KARAM, MANSOUR; VILLAVERDE, JOSE-MIGUEL P.; FINN, SEAN P.; BALDONADO, OMAR C.; McGUIRE, JAMES G.; MADAN, HERBERT S.	LOAD OPTIMIZATION	S	4- Feb-2002	60 /354,588
4717-723	US	04- Feb-2003		LLOYD, MICHAEL A.; KARAM, MANSOUR; PULIDO, JOSE-MIGUEL; FINN, SEAN P.; BALDONADO, OMAR C.; McGUIRE, JAMES G.; MADAN, HERBERT S.	LOAD OPTIMIZATION	S/PCT	4- Feb-2003 4- Feb-2002	P CT/US03/03 297 60 /354,588
						ļ	20- Sep-2001	09 /960,623
							6- Aug-2001	09 /923,924
					·		10- Jul-2001	09 /903,441
							Jul-2001	09 /903,423
							12- Mar-2001	60 /275,206
							Oct-2000	60 /241,450
4717-724	CA	0ct-2001		MANSOUR; LLOYD, MICHAEL A.; MADAN, HERBERT S.; McGUIRE.	CA - METHOD AND APPARATUS FOR PERFORMANCE AND COST OPTIMIZATION IN AN	CT/US		P CT/US01/32 312
			1	JAMES G.; VILLAVERDE, JOSE- MIGUEL P.	INTERNETWORK		6- Aug-2001	09 /923,924
				<u>.</u>			10- Jul-2001	09 /903,441
							10- Jul-2001	09 /903,423
							12- Mar-2001	60 /275,206
							17- Oct-2000	60 /241,450

Docket	Application	Application	Application	Inventor		Priority	Priority	T 5
No.	Country	Date	Number	Name	Title	Country	Date	Priority Number
4717-725	EP	17- Oct-2001		BALDONADO, OMAR C.; FINN, SEAN P.; KARAM, MANSOUR; LLOYD, MICHAEL A.; MADAN, HERBERT S.; McGUIRE, JAMES G.; VILLAVERDE, JOSE- MIGUEL P.	EP - METHOD AND APPARATUS FOR PERFORMANCE AND COST OPTIMIZATION IN AN INTERNETWORK	CT/US	17- Oct-2001 6- Aug-2001	P CT/US01/32 312
				MIGGEL F.			10-	/923,924
							Jul-2001	09 /903,441
							10- Jul-2001	09 /903,423
						12- Mar-2001	60 /275,206	
	····						17- Oct-2000	60 /241,450
4717-726	IL	17- Oct-2001			IL - METHOD AND APPARATUS FOR PERFORMANCE AND COST	CT/US	17- Oct-2001	
		·			INTERNETWORK		6- Aug-2001	09 /923,924
							10- Jul-2001	09 /903,441
			:				10- Jul-2001	09 /903,423
							12- Mar-2001	60 /275,206
							17- Oct-2000	60 /241,450
4717-727	CA		Oct-2001 680 FINN, SEAN P.; KARAM, MANSOUR; BALDONADO, OMAR	CA - METHOD AND APPARATUS FOR THE ASSESSMENT AND	CT/ÚS	17- Oct-2001	P CT/US01/32 319	
					OPTIMIZATION OF NETWORK TRAFFIC		20- Sep-2001	09 /960,623
							6- Aug-2001	09 /923,924
							10- Jul-2001	09 /903,441
							10- Jul-2001	
							12- Mar-2001	60
							17- Oct-2000	/275,206 60 /241,450

Docket No.	Application Country	Application Date	Application Number	Inventor Name	Title	Priority Country	Priority Date	Priority Number
4717-728	EP	17- Oct-2001		LLOYD, MICHAEL A.; FINN, SEAN P.; KARAM, MANSOUR; BALDONADO, OMAR C.; MADAN, HERBERT S.; McGUIRE, JAMES G.	METHOD AND APPARATUS FOR THE ASSESSMENT AND OPTIMIZATION OF NETWORK TRAFFIC	CT/US	17- Oct-2001 20- Sep-2001	CT/US01/32 319 09
							6- Aug-2001	/960,623 09 /923,924
							10- Jul-2001	09 /903,441
							10- Jul-2001	09 /903,423
							12- Mar-2001	60 /275,206
							0ct-2000	60 /241,450
4717-729	ΙL	17- Oct-2001		FINN, SEAN P.; KARAM, MANSOUR; BALDONADO, OMAR	IL - METHOD AND APPARATUS FOR THE ASSESSMENT AND	CT/US	17- Oct-2001	P CT/US01/32 319
				C.; MADAN, HERBERT S.; McGUIRE, JAMES G.	OPTIMIZATION OF NETWORK TRAFFIC		20 Sep-2001	09 /960,623
							6- Aug-2001	09 /923,924
							Jul-2001 10-	09 /903,441
							Jul-2001	/903,423
							Mar-2001	60 /275,206
	_						Oct-2000	60 /241,450
4717-730	CA	04- Oct-2001	!	FINN, SEAN P.; KARAM, MANSOUR; BALDONADO, OMAR	SYSTEMS AND METHODS FOR ROBUST, REAL-TIME MEASUREMENT	CT/US	4 Oct-2001	P CT/US01/31 420
		McGUIRE, JAMES G.; SIDDIQI, FAISAL	OF NETWORK PERFORMANCE		Jul-2001	09 /903,423		
				1			12- Mar-2001	60 /275,206
							17- Oct-2000	60 /241,450

Docket No.	Application Country	Application Date	Application Number	Inventor Name	Title	Priority Country	Priority Date	Priority Number
4717-731	EP	04- Oct-2001		FINN, SEAN P.; KARAM, MANSOUR; BALDONADO, OMAR	SYSTEMS AND METHODS FOR ROBUST, REAL-TIME MEASUREMENT OF NETWORK PERFORMANCE	CT/US	4- Oct-2001 10- Jul-2001 12- Mar-2001 17- Oct-2000	60
4717-732	IL :	04- Oct-2001		MANSOUR; BALDONADO, OMAR	IL - SYSTEMS AND METHODS FOR ROBUST, REAL-TIME MEASUREMENT OF NETWORK PERFORMANCE	CT/US	4-Oct-2001 10-Jul-2001 12-Mar-2001	PCT/US01/31 420 09 /903,423 60 /275,206 60 /241,450
4717-733	us	09- Sep-2004		LLOYD, MICHAEL A.; KARAM, MANSOUR; FRAVAL, PIERRE; FINN, SEAN P.; McGUIRE, JAMES G.; BALDONADO, OMAR C.	METHODS AND SYSTEMS FOR REMOTE OUTBOUND CONTROL, SECURITY STRAWMAN	/A	N/A	N/ A